

WHAT IS CLAIMED IS:

1. In a wireless communication system comprising a plurality of controllable electronic devices and a mobile station for  
5 communicating with one of said controllable electronic devices through a short-range wireless communication link, said mobile station comprising a display screen, a user input interface, and an access protocol browser operating in accordance with an access protocol, a method of remotely controlling said one controllable electronic device,<sup>125</sup> said method comprising:  
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through said short-range wireless communication link, said mobile station requesting said controllable electronic device to download data representative of a control interface associated with said one controllable electronic device;

15 downloading of said data in a data format interpretable by said access protocol browser; and

displaying on said display screen of said data as control interface menu pages representative of said control interface, said access protocol browser navigating through said control interface menu pages.  
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2. A method as claimed in Claim 1, comprising, prior to said requesting, checking whether said one controllable electronic device has access protocol capability.  
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3. A method as claimed in Claim 1, comprising setting up of said short-range wireless communication link if said one controllable electronic device is in-range of said mobile station.  
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4. A method as claimed in Claim 1, comprising storing of an identification of said controllable electronic device and of said

downloaded data, and, upon breaking off of said link due to said controllable electronic device becoming out of range, verifying during a setting up of a next short-range wireless communication link with a next controllable electronic device whether said next  
5 controllable electronic device is said controllable electronic device of said broken link, and, if so, reusing said stored downloaded data.

10 5. A method as claimed in claim 1, wherein said data represent all control interface menu pages of said control interface.

6. A method as claimed in Claim 1, wherein said data represent a part of all control interface menu pages, said part including a main menu page.

15 7. A method as claimed in Claim 1, wherein said access protocol is a markup language reading and interpretation protocol and said data represent a markup language.

20 8. A method as claimed in Claim 7, wherein said markup language reading and interpretation protocol is a wireless access protocol and said markup language is a wireless access protocol markup language.

25 9. A method as claimed in Claim 7, wherein said markup language is HTML.

10. A method as claimed in Claim 1, wherein a control interface menu page of said control interface menu pages comprises a  
30 plurality of selectable control parameters, and, upon selection of one of said plurality of selectable control parameters, said method comprises transmitting of said one control parameter to

said one controllable electronic device, and, in said one controllable electronic device, effecting a control action on the basis of said one control parameter.

5 11. A method as claimed in Claim 10, comprising running a markup language program at the one controllable electronic device, said one control parameter being transmitted in a data format interpretable by said markup language program.

10 12. A method as claimed in Claim 11, comprising, from said markup language program, transmitting of an instruction to said mobile station to adopt a menu page state in accordance with a current control state of said one controllable electronic device.

15 13. A method as claimed in Claim 11, wherein said requesting is done through transmission of a URL previously received from said one controllable electronic device, said URL identifying a start address of said data in said one controllable electronic device.

20 14. A method as claimed in Claim 13, wherein said short-range wireless communication link is a Bluetooth link, and said access protocol is a wireless access protocol.

25 15. A method as claimed in Claim 3, wherein said data comprises a current control state of said controllable electronic device.

16. A wireless communication system comprising:

a plurality of controllable electronic devices with control interfaces configured to control said controllable electronic devices, and with means for downloading data representative of a control interface corresponding to one of said controllable electronic devices;

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a mobile station for remotely controlling said one controllable electronic device through a short-range communication link, said mobile station comprising display means, a user input interface, and an access protocol browser operating in accordance with an access protocol, said mobile station being configured to submit a request, through said short-range communication link, to said controllable electronic device to download said data,

said means for downloading being configured to download said data in response to said request, in a format interpretable by said access protocol browser,

said display means being configured to display said downloaded data as control interface menu pages representative of said control interface, and

said access protocol browser being configured to navigate through said control interface menu pages.

17. A system as claimed in Claim 16, wherein said mobile station comprises means to check whether said one controllable electronic device has access protocol capability.

18. A system as claimed in Claim 16, wherein said access protocol is a markup language reading and interpretation protocol and said data represent a markup language.

19. A system as claimed in Claim 16, wherein a control interface menu page of said control interface menu pages comprises a plurality of selectable control parameters, through said user input interface, a user selects one of said control parameters, said mobile station comprises means for transmitting said one control parameter to said one controllable electronic device, and said controllable electronic device comprises means for effecting

a control action on the basis of said one control parameter.

20. A system as claimed in Claim 19, wherein said mobile station comprises means for running a markup language program, said  
5 markup language program being configured to interpret said control interface menu pages.

21. A mobile station for remotely controlling, through a short-range communication link, of one of a plurality of controllable  
10 electronic devices comprised in a wireless communication system that comprises said mobile station, said plurality of controllable electronic devices comprising control interfaces configured to control said controllable electronic devices, and means for downloading data representative of a control interface  
15 corresponding to one of said controllable electronic devices, said mobile station comprising:

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20 A display means, a user input interface, and an access protocol browser operating in accordance with an access protocol, said mobile station being configured to submit a request, through said short-range communication link, to said one controllable electronic device to download said data, said access protocol browser being configured to interpret downloaded data, said display means being configured to display said downloaded data as control interface menu pages representative of said control  
25 interface, and said access protocol browser being configured to navigate through said control interface menu pages.

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30 22. A mobile station as claimed in claim 21, comprising means to check whether said one controllable electronic device has access protocol capability.

23. A mobile station as claimed in Claim 21, wherein said access

protocol is a markup language reading and interpretation protocol and said data represent a markup language.

24. A mobile station as claimed in Claim 21, wherein a control  
5 interface menu page of said control interface menu pages  
comprises a plurality of selectable control parameters, through  
said user input interface, a user selects one of said control  
parameters, and said mobile station comprises means for  
transmitting said one control parameter to said one controllable  
10 electronic device.

25. A controllable electronic device, that, through a short-  
range communication link, is remotely controllable by a mobile  
station with an access protocol browser operating in accordance  
15 with an access protocol, said controllable electronic device  
comprising:

a control interface configured to control said controllable  
electronic device;

means for downloading, in response to a request issued by  
20 said mobile station, of data representative of said control  
interface, in a format interpretable by said access protocol  
browser; and

means for effecting, in response to a control parameter that  
is selected from a control interface menu page generated by said  
25 access protocol browser from said downloaded data, and that is  
received from said access protocol browser, of a control action  
in said control interface.